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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended September 8, 1989 NO. 36

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/08/89	Last Week Ending: 09/01/89	Last Year Week Ending: 09/09/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,325	14,291	14,159	34	166
Operable capacity	15,576	15,576	15,917	0	-341
Percent operated	92.0	91.8	89.0		
Motor Gasoline					
Total motor gasoline production	7,184	7,073	7,020	111	164
Finished leaded motor gasoline production	711	710	1,295	1	-584
Finished unleaded motor gasoline production	6,473	6,363	5,725	110	748
Total motor gasoline stocks	218,371	217,725	219,497	646	-1,126
Finished leaded motor gasoline stocks	21,981	22,193	42,368	-212	-20,387
Finished unleaded motor gasoline stocks	157,550	156,501	138,768	1,049	18,782
Jet Fuel Kerosine					
Jet fuel kerosine production	1,227	1,219	1,242	8	-15
Jet fuel kerosine stocks	41,805	41,711	40,973	94	832
Distillate Fuel Oil					
Distillate fuel oil production	3,115	3,059	2,955	56	160
Distillate fuel oil stocks	119,760	116,792	128,566	2,968	-8,806
Residual Fuel Oil					
Residual fuel oil production	938	916	956	22	-18
Residual fuel oil stocks	42,482	42,156	41,154	326	1,328
Imports					
Crude oil imports	6,546	6,446	5,400	100	1,146
Product imports	2,062	1,738	1,378	324	684
Crude Oil Stocks					
Crude oil stocks	339,231	335,797	329,203	3,434	10,028
Crude Supply Balance	710				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,603	1,318	1,318	1,325	99.5
Appal. No. 1	109	104	104	109	95.4
DISTRICT 1 TOTAL	1,712	1,422	1,422	1,434	99.2
Ind., Ill., Ky.	2,257	2,170	2,170	2,198	98.7
Minn., Wisc., Daks.	305	302	304	337	90.2
Okla., Kans., Mo.	762	732	732	730	100.3
DISTRICT 2 TOTAL	3,324	3,204	3,206	3,265	98.2
Inland Texas	576	554	557	555	100.4
Texas Gulf Coast	3,679	3,156	3,185	3,477	91.6
La. Gulf Coast	2,491	2,372	2,409	2,938	82.0
N. La. and Ark.	190	184	187	247	75.7
New Mexico	96	76	90	76	118.4
DISTRICT 3 TOTAL	7,032	6,342	6,428	7,293	88.1
DISTRICT 4 TOTAL	512	512	512	546	93.8
DISTRICT 5 TOTAL	2,880	2,619	2,757	3,038	90.8
TOTAL U.S.	15,460	14,099	14,325	15,576	92.0
TOTAL U.S. Weeks Ended:					
SEP. 1, 1989	15,289	14,106	14,291	15,576	91.8
SEP. 9, 1988	15,181	14,042	14,159	15,917	89.0
DISTRICTS 1-4 Weeks Ended:					
SEP. 08, 1989	12,580	11,480	11,568	12,538	92.3
SEP. 1, 1989	12,444	11,405	11,495	12,538	91.7
SEP. 9, 1988	12,479	11,386	11,474	12,686	90.4

API WEEKLY STATISTICAL BULLETIN

Week Ended September 8, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	662	5	657	5	57	395	116
Appal. No. 1	40	3	37	--	--	39	4
DISTRICT 1 TOTAL	702	8	694	5	57	434	120
Ind., Ill., Ky.	1,137	19	1,118	15	112	494	50
Minn., Wisc., Daks.	149	23	126	2	20	84	14
Okla., Kans., Mo.	376	94	282	7	41	194	5
DISTRICT 2 TOTAL	1,662	136	1,526	24	173	772	69
Inland Texas	312	58	254	30	44	132	10
Texas Gulf Coast	1,715	99	1,616	37	284	612	248
La. Gulf Coast	1,247	68	1,179	12	278	517	88
N. La. and Ark.	53	2	51	9	2	58	7
New Mexico	52	15	37	7	1	16	1
DISTRICT 3 TOTAL	3,379	242	3,137	95	609	1,335	354
DISTRICT 4 TOTAL	242	70	172	12	17	144	15
DISTRICT 5 TOTAL	1,199	255	944	81	371	430	380
TOTAL U.S.	7,184	711	6,473	217	1,227	3,115	938
TOTAL U.S. Weeks Ended:							
SEP. 1, 1989	7,073	710	6,363	221	1,219	3,059	916
SEP. 9, 1988	7,020	1,295	5,725	171	1,242	2,955	956
DISTRICTS 1-4 Weeks Ended:							
SEP. 08, 1989	5,985	456	5,529	136	856	2,685	558
SEP. 1, 1989	5,860	448	5,412	165	865	2,584	535
SEP. 9, 1988	5,799	1,020	4,779	134	911	2,496	585

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 8, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,793	56	3,736	1	81	711	6,407	536	--
Central Atlantic	26,560	427	21,664	4,469	350	4,444	28,570	15,371	12,090
Lower Atlantic	30,632	2,450	27,638	544	665	5,441	13,329	2,404	411
DISTRICT 1 TOTAL	60,985	2,933	53,038	5,014	1,096	10,596	48,306	18,311	12,501
DISTRICT 2 TOTAL	58,408	7,347	42,582	8,479	889	9,836	30,966	2,947	17,919
DISTRICT 3 TOTAL	63,710	4,535	42,975	16,200	1,999	14,972	27,665	13,686	49,785
DISTRICT 4 TOTAL	5,827	1,579	2,455	1,793	329	761	2,635	627	2,365
DISTRICT 5 TOTAL	29,441	5,587	16,500	7,354	1,773	5,640	10,188	6,911	21,975
TOTAL U.S.	218,371	21,981	157,550	38,840	6,086	41,805	119,760	42,482	104,545
TOTAL U.S. Weeks Ended:									
SEP. 1, 1989	217,725	22,193	156,501	39,031	6,169	41,711	116,792	42,156	105,695
SEP. 9, 1988	219,497	42,368	138,768	38,361	7,104	40,973	128,566	41,154	111,075
DISTRICTS 1-4 Weeks Ended:									
SEP. 08, 1989	188,930	16,394	141,050	31,486	4,313	36,165	109,572	35,571	82,570
SEP. 1, 1989	188,153	16,427	140,542	31,174	4,598	35,821	106,232	35,298	82,417
SEP. 9, 1988	191,178	36,263	123,871	31,044	5,534	34,279	116,559	33,722	82,270

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN
Week Ended September 8, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy April 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Locatio
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 08, 1989	4,624.0	4,858.0	5,987	567	259,595
SEP. 1, 1989	4,661.0*	--	6,120	574	261,166
AUG. 25, 1989	4,661.0*	--	6,274	676	263,996
AUG. 18, 1989	4,661.0*	--	6,624	584	260,036
DISTRICT 5 TOTAL					
SEP. 08, 1989	2,916.0	2,897.0	559	15	79,636 #
SEP. 1, 1989	2,884.0*	--	326	--	74,631
AUG. 25, 1989	2,884.0*	--	235	--	73,320
AUG. 18, 1989	2,884.0*	--	315	7	75,191
TOTAL U.S.					
SEP. 08, 1989	7,540.0	7,755.0	6,546	582	339,231 #
SEP. 1, 1989	7,545.0*	--	6,446	574	335,797
AUG. 25, 1989	7,545.0*	--	6,509	676	337,316
AUG. 18, 1989	7,545.0*	--	6,939	591	335,227
SEP. 9, 1988	7,895.0 a/	--	5,400	458	329,203

#INCLUDES 23,455 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
SEP. 08, 1989	710	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 08, 1989	14,930	68,126	164,219	12,320	259,595	79,636 #	339,231 #
SEP. 1, 1989	14,019	69,352	165,624	12,171	261,166	74,631	335,797
SEP. 9, 1988	17,216	67,207	158,783	11,191	254,397	74,806	329,203

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	76	35	41	--	--	--	95	98	--	--	--	269
Central Atlantic	87	--	87	105	--	59	259	174	16	121	22	843
Lower Atlantic	92	--	92	--	--	41	11	24	--	--	3	171
DISTRICT 1 TOTAL												
SEP. 08, 1989	255	35	220	105	--	100	365	296	16	121	25	1,283
SEP. 1, 1989	199	--	199	26	--	38	212	445	26	96	4	1,046
AUG. 25, 1989	490	--	490	42	--	74	214	337	34	124	21	1,336
AUG. 18, 1989	229	--	229	108	--	55	285	348	19	168	6	1,218
DISTRICTS 2-4 TOTAL												
SEP. 08, 1989	5	--	5	40	--	44	7	5	107	339	174	721
SEP. 1, 1989	6	--	6	18	4	28	5	8	133	434	7	643
AUG. 25, 1989	7	--	7	45	4	28	3	7	233	324	107	758
AUG. 18, 1989	7	--	7	12	3	26	39	4	100	274	54	519
DISTRICT 5 TOTAL												
SEP. 08, 1989	12	--	12	--	--	20	7	10	6	3	--	58
SEP. 1, 1989	16	--	16	--	--	11	5	9	6	2	--	49
AUG. 25, 1989	18	--	18	--	--	17	3	8	42	5	--	93
AUG. 18, 1989	44	--	44	--	--	17	6	8	4	--	--	79
TOTAL U.S.	272	35	237	145	--	164	379	311	129	463	199	2,062
TOTAL U.S. Weeks Ended:												
SEP. 1, 1989	221	--	221	44	4	77	222	462	165	532	11	1,738
AUG. 25, 1989	515	--	515	87	4	119	220	352	309	453	128	2,187
AUG. 18, 1989	280	--	280	120	3	98	330	360	123	442	60	1,816
SEP. 9, 1988	263	6	257	9	4	35	232	522	50	154	109	1,378

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	AUGUST 1989	JULY 1989E/	APRIL 1989
Florida	18.0	19.0	20.0
New York-Pennsylvania	6.0	7.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	6.0
Illinois	60.0	61.0	61.0
Indiana	7.0	7.0	10.0
Kansas	144.0	145.0	155.0
Kentucky	11.0	12.0	21.0
Michigan	55.0	56.0	58.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	17.0	18.0
Ohio	25.0	26.0	31.0
Oklahoma	320.0	324.0	329.0
North Dakota	97.0	98.0	100.0
South Dakota	4.0	4.0	4.0
Alabama	54.0	55.0	57.0
Arkansas	29.0	31.0	33.0
Mississippi	73.0	76.0	76.0
New Mexico-So. East	166.0	167.0	168.0
New Mexico-Other	16.0	17.0	18.0
North Louisiana	60.0	60.0	61.0
South Louisiana	1,066.0	1,070.0	1,099.0
Total Louisiana	1,126.0	1,130.0	1,160.0
Texas			
District 1	48.0	49.0	52.0
District 2	58.0	59.0	64.0
District 3	210.0	210.0	214.0
District 4	64.0	65.0	69.0
District 5	32.0	34.0	35.0
District 6, East Texas	106.0	108.0	108.0
Other	86.0	87.0	95.0
District 7-B	83.0	84.0	86.0
District 7-C	76.0	78.0	81.0
District 8 and 8-A	1,039.0	1,044.0	1,073.0
District 9	81.0	81.0	81.0
District 10	40.0	41.0	42.0
Total Texas	1,923.0	1,940.0	2,000.0
Colorado	83.0	84.0	89.0
Montana	54.0	55.0	57.0
Utah	74.0	75.0	76.0
Wyoming	293.0	294.0	301.0
Total Districts 1-4	4,661.0	4,707.0	4,858.0
Alaska	1,871.0	1,726.0	1,890.0
Arizona	0.0	0.0	0.0
California	1,006.0	1,006.0	999.0
Nevada	7.0	8.0	8.0
Total District 5	2,884.0	2,740.0	2,897.0
TOTAL U.S.	7,545.0	7,447.0E/	7,755.0

E/ Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 57.3% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.0% of total U.S. production in July.